

| TABLE OF | OPE | ERA | TIO | N | | |
|----------------|-------|--------|--------|--------|--|--|
| | PHASE | | | | | |
| SIGNAL FACE | Ø2+6 | Ø 3 | Ø 4 | LUTANI | | |
| 21, 22 | G | R | R | Y | | |
| 31 | R | G | R | R | | |
| 32 | R | G | R | R | | |
| 41 | R | R | G | R | | |
| 42 | R | R | G | R | | |
| 61, 62 | G | R | R | Y | | |

Х Х Х Simultaneous Gap * These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

6

10

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-45

4.1

3.0

2.0

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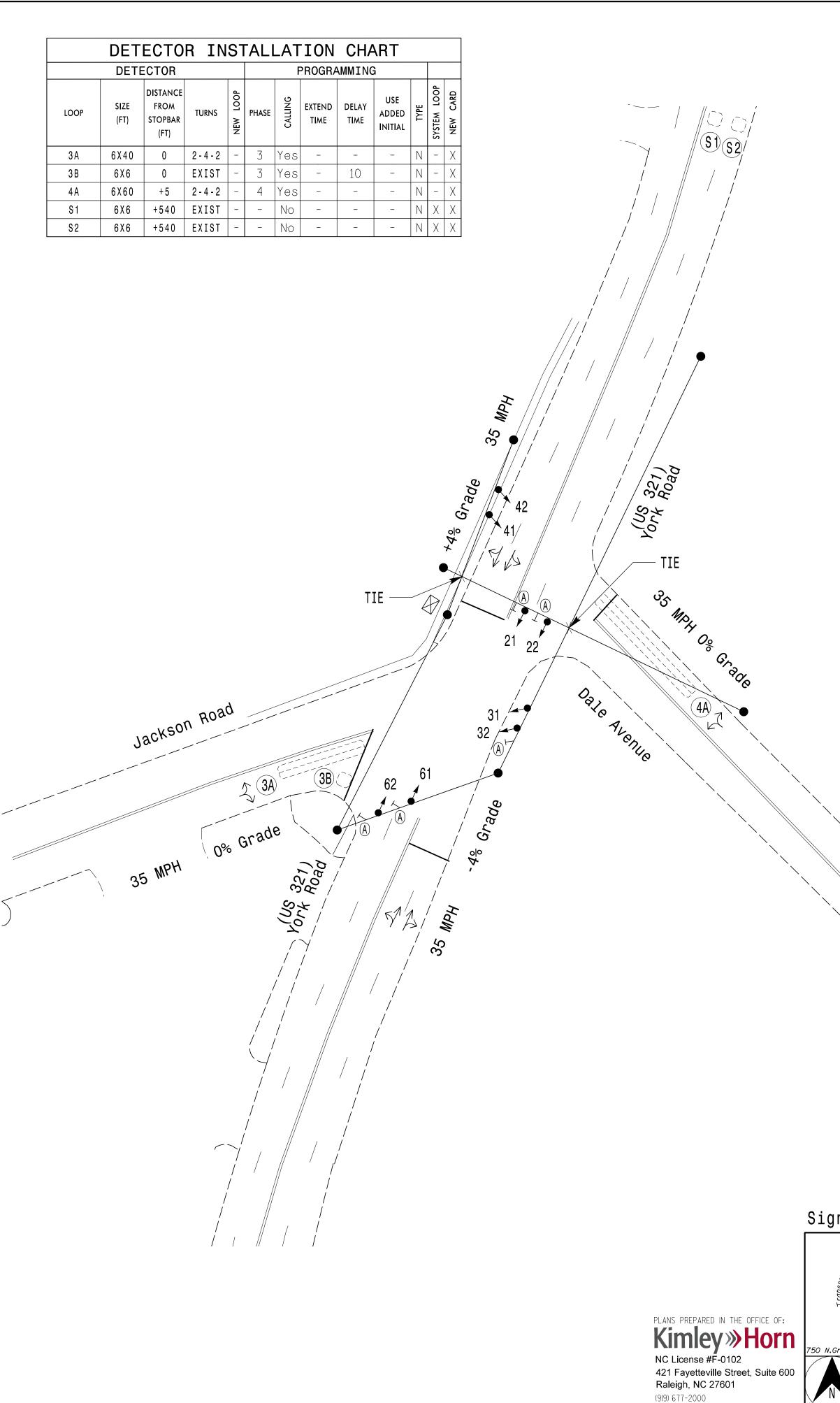
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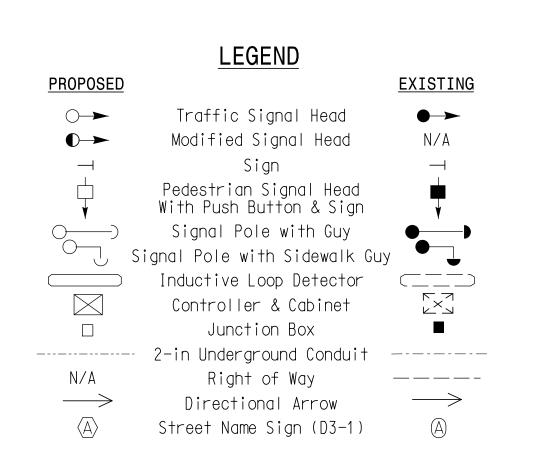


| PROJECT REFERENCE NO. SHEET NO. |
|-----------------------------------|
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3 Phase Semi-Actuated Gastonia Signal System

NOTES

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
- 2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 3. The order of phase 3 and phase 4 may be reversed.
- 4. Set all detector units to presence mode.
- 5. In the event of loop replacement, refer to the current ITS and Signal Design Manual and submit a Plan of Record to the Signal Design Section.
- 6. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 7. Pavement markings are existing.
- 8. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values shall supersede these values.
- 9. Install new cabinet on the existing cabinet foundation.
- 10. All new cabinets and base extenders shall be black in color. See Project Special Provisions for details.
- 11. City system data: Controller Asset: #0067



| gnal | . Upgrad | е | | | | | | | | DOCUMENT NOT CO FINAL UNLESS SIGNATURES COM | ALL |
|----------|---|-------|--|-----------|-------|--------------|----------------|------|---------|---|-----------|
| | Prepared For: Nobility and Solo Division | | (US 321) York Rd. at Jackson Rd./Dale Ave. | | | | SEAL 044434 | | | | |
| | | | Division | 12 G | aston | County | | G | astonia | | |
| Sno | Design Section | | PLAN DATE: | May 2021 | | REVIEWED BY: | SL | Phil | lips | P BAU | MATT |
| Greenfie | eld Pkwy,Garner,NC | 27529 | PREPARED BY: | CF Davis | | REVIEWED BY: | ΚP | Baum | ann | | \` \ |
| SCALE | | | | REVISIONS | | | II | NIT. | DATE | DocuSigned by: | |
| | 0 | 30 | | | | | | | | Nem Jaman | 3/11/2022 |
| | | | | | | | | | | SIGNATURE | DATE |
| · y | 1 "=30' | | | | | | | | | SIG. INVENTORY NO. | 12-0067 |